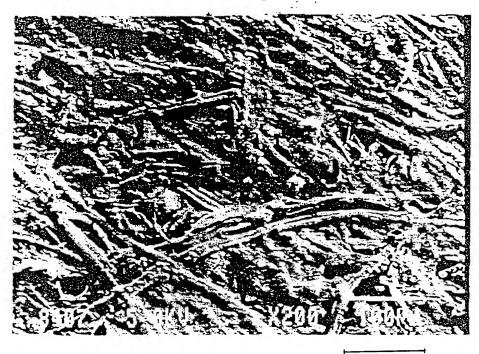
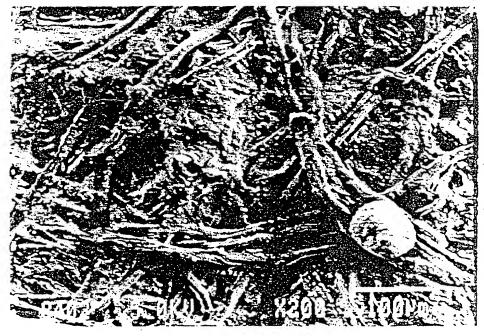
Silver-containing conjugated protein ① coated copy paper



 $1~0~0~\mu\,m$ 

Fig. 10

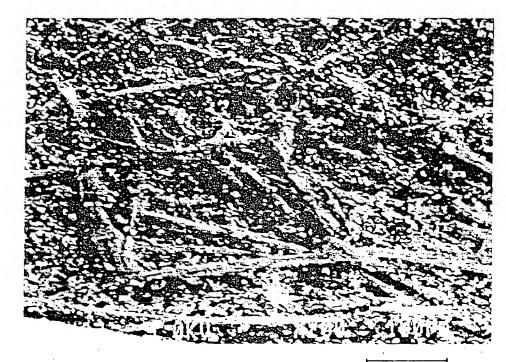
Silver-containing conjugated protein 3 coated copy paper



 $100\mu m$ 

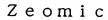
Fig. 11

Zeomic coated copy paper



1 0 0 μm

Fig. 12





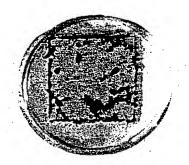
Uncoated

[1]



Coating weight 1g/m<sup>2</sup>

[2]



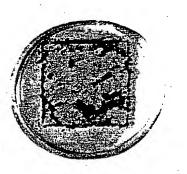
Uncoated

[1]



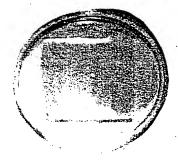
Coating weight 2g/m<sup>2</sup>

[2]



Uncoated

[1]



Coating weight 10g/m<sup>2</sup>

[3]

(c)

(a)

(b)

Fig. 5

Silver-containing conjugated protein 3

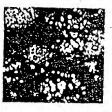
Strain: Neosartorya fischeri

Test piece : coated at  $1 \mu$  m per face  $(0.14 \text{ g/m}^2)$ 

coating (both faces coated)

(No.1)

 $(N_0.2)$ 



Uncoated



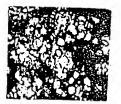
coated



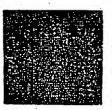
Uncoated



coated



Uncoated



coated

 $(N_0.3)$ 

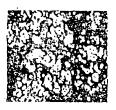
Fig. 6

Silver-containing conjugated protein ③

Strain: Neosartorya fischeri

Test piece: coated at  $3 \mu$  m per face  $(0.42 \text{ g/m}^2)$ 

coating (both faces coated)



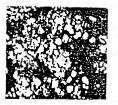
Uncoated



coated

(No.1)

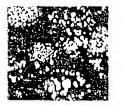
(No.2)



Uncoated



coated



Uncoated



coated

Fig. 7

(No.3)

Silver-containing conjugated protein 3

Strain: 5 strains according to JIS

Test piece: coated at  $1 \mu$  m per face  $(0.14 \text{ g/m}^2)$ 

coating (both faces coated)

(No. 1)

(No. 2)



Uncoated



coated



Uncoated



coated



Uncoated



coated

(No. 3)

0937924

Silver-containing conjugated protein ③

Strain: 5 strains according to JIS

Test piece : coated at  $3 \mu$  m per face  $(0.42 \text{ g/m}^2)$ 

coating (both faces coated)

(No. 1)

(No. 2)



Uncoated



coated



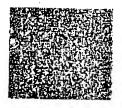
Uncoated



coated



Uncoated



coated

Fig. 9

(No. 3)

mand and and the sections

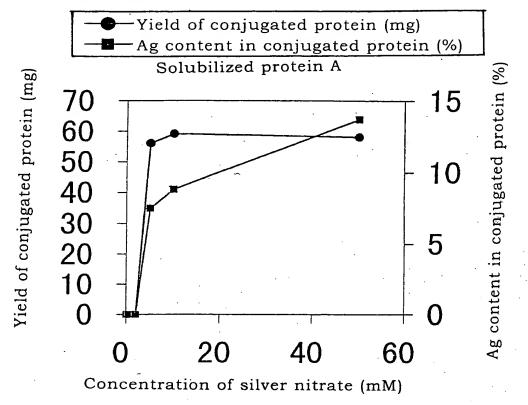
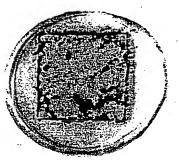


Fig. 1 Yield of conjugated protein (mg) Ag content in conjugated protein (%) Solubilized protein B Ag content in conjugated protein (%) Yield of conjugated protein (mg) 180 12 150 9 120 90 6 60 3 30 0 20 40 0 60 Concentration of silver nitrate (mM)

Fig. 2

## Silver-containing conjugated protein ②



Uncoated

[1]



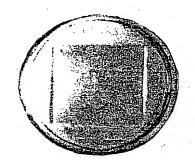
Coating weight 1g/m<sup>2</sup>

[3]



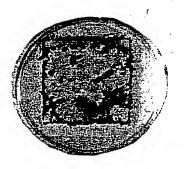
Uncoated

[1]



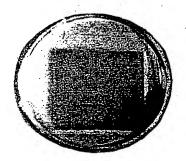
Coating weight 2g/m<sup>2</sup>

[3]



Uncoated

[1]



Coating weight 5g/m<sup>2</sup>

[3]

(c)

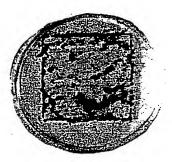
(a)

(b)

Fig. 3



## Silver-containing conjugated protein ③



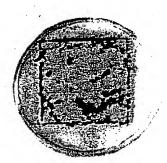
Uncoated

[1]



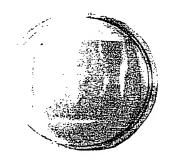
Coating weight 1g/m<sup>2</sup>

[3]



Uncoated

[1]



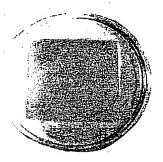
Coating weight 2g/m<sup>2</sup>

[3]



Uncoated

[1]



Coating weight 4g/m<sup>2</sup>

[3]

(c)

(b)

Fig. 4

(a)